



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

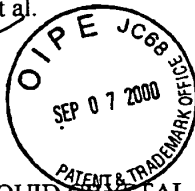
In re Application of: KIM et al.

Group Art Unit: 2871

Serial No.: 09/598,213

Examiner: Unknown

Filed: June 21, 2000



For: MULTI-DOMAIN LIQUID CRYSTAL DISPLAY DEVICE

**RELATED CASES STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

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SEP 15 2000  
TECHNOLOGY CENTER 2800

Sir:

Applicant hereby provides a list of pending U.S. applications or issued patents which may be related to the present application.

<u>Examiner's Initial</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>Inventor Name</u>	<u>Our Ref.</u>
_____	09/250,262	02/1999	KIM et al.	8733.6881
_____	09/357,247	07/1999	LEE	8733.6930
_____	09/537,570	03/2000	KIM et al.	8733.20094
_____	09/256,180	02/1999	SEO et al.	8733.8308
_____	09/326,415	01/1999	KIM et al.	8733.20010
_____	09/421,114	10/1999	KIM et al.	8733.20023
_____	09/448,276	11/1999	LEE et al.	8733.20024
_____	09/497,507	02/2000	LEE et al.	8733.20025
_____	09/327,283	01/1999	YOO et al.	8733.20002
_____	09/598,213	06/2000	KIM et al.	8733.20105

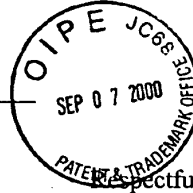
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09/598,213

**RELATED CASES STATEMENT**

<u>Examiner's Initial</u>	<u>U.S. Serial Number</u>	<u>Filing Date</u>	<u>Inventor Name</u>	<u>Our. Ref.</u>
_____	09/541,426	04/2000	KIM et al.	8733.20102
_____	09/567,134	05/2000	KIM et al.	8733.20119
_____	09/618,165	07/2000	CHOI et al.	8733.039.20

Date Considered: \_\_\_\_\_



Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE APR 05 2001		ATTY. DOCKET NO.: 8733.233.00 <b>RECEIVED</b>		SERIAL NO.: 09/598,213	
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)				APPLICANT: Jeom Jae KIM, et al. APR -6 2001		FILING DATE: June 21, 2000 2800 MAIL ROOM	
GROUP: 2871							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,249,070	05/1993	TAKANO	359	54	
	AB	5,623,354	04/1997	LIEN et al.	349	124	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AC	0 884 626	12/1998	Europe			x
	AD	961 0774	04/1996	WO			x
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AE	A. Lien, R.A. John, Two-Domain TN-LCDs Fabricated by Parallel Fringe Field Method, SID Digest, 1993, pgs. 269-272					
	AF	A. Lien, R.A. John, TFT-Addressed Two-Domain TN VGA Displays Fabricated Using the Parallel Fringe Field Method, SID Digest, 1994, pgs. 594-597					
	AG	N. Koma, Y. Baba, K. Matsuoka, No-Rub Multi-Domain TFT-LCD Using Surrounding-Electrode Method, SID Digest, 1995, pgs. 869-872					
	AH	H. Murai, M. Suzuki, S. Kaneko, Novel High Contrast Random and Controlled 4-Domain CTN-LCDs with Wide Viewing Angle, Euro Display '96, pgs. 159-161					
	AI	Y. Koike, S. Kataoka, T. Sasaki, H. Chida, H. Tsuda, A. Takeda and K. Ohmuro, T. Sasabayashi, K. Okamoto, A Vertically Aligned LCD Providing Super-High Image Quality, IDW '97, pgs. 159-162					
	AJ	N. Koma, R. Nishikawa, Development of a High-Quality TFT-LCD for Projection Displays, SID Digest, 1997, pgs. 461-464					
	AK	K. Ohmuro, S. Kataoka, T. Sasaki, Y. Koike, Development of Super-High Image Quality Vertical Alignment Mode LCD, SID Digest, 1997, pgs. 845-848					
EXAMINER:						DATE CONSIDERED:	
<p>*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

DC: 74361



VII of Fig. 21A;

Figs. 23A to 24D are sectional views taken along the line VIII-VIII of Fig. 21A;

Fig. 24 is a sectional view taken along the line IX-IX of Fig. 21B;

Figs. 25A to 25C are plan views of the multi-domain liquid crystal display devices according to the fifteenth embodiment of the present invention;

Figs. 26A to 26C are plan views of the multi-domain liquid crystal display devices according to the sixteenth embodiment of the present invention;

Figs. 27A to 27C are plan views of the multi-domain liquid crystal display devices according to the seventeenth embodiment of the present invention;

Figs. 28A to 28C are plan views of the multi-domain liquid crystal display devices according to the eighteenth embodiment of the present invention;

Figs. 29A to 29C are plan views of the multi-domain liquid crystal display devices according to the nineteenth embodiment of the present invention;

Figs. 30A and 30B are plan views of the multi-domain liquid crystal display devices according to the twentieth embodiment of the present invention;

Figs. 31A to 31E are views showing the forming process